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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 08-05-2015**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to Mariyamma Block Main Road and Opp Church Road at Gangamma gudi in Ward No.11 (Kuvempunagara), Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 05-05-2015

Sample supplied to lab by : Sri.B.B.Umesh, Contractor, Bangalore

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.00**	95-100
26.50	**---**	-
22.40	**74.50**	60-80
11.20	**44.30**	40-60
4.75	**35.00**	25-40
2.36	**23.00**	15-30
0.600	**17.40**	8-22
0.075	**5.20**	0-8

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.

JE-II

Dr. MANJESH .L
ME (Civil Engg .), Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

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Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 27-05-2015**

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements and asphalting to Mariyamma Block Main Road and Opp Church Road at Gangamma gudi in Ward No.11 (Kuvempunagara), Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 26-05-2015
Sample supplied to lab by : Sri.B.B.Umesh, Contractor, Bangalore
Report required for: Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore

TEST RESULTS:

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.05%**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.70**	90—100
4.75	**43.00**	35—51
2.36	**29.70**	24—39
1.18	**22.00**	15—30
0.3	**14.70**	09—19
0.075	**6.00**	03—08

* As furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

JE-4

Dr. MANJESH .L
ME (Civil Engg.), Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com